

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re Application of: :
J. VÄLIKANGAS : Intl. Application No.: **PCT/FI03/00033**
Serial No.: **To Be Assigned** : Intl. Filing Date: **January 17, 2003**
Filed: **Herewith** : Priority Date: **January 18, 2002**
For: **Method and Apparatus for Integrating a Wide Keyboard in a Small Device**

Director of the U.S. Patent and Trademark Office
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ATTENTION: EO/US
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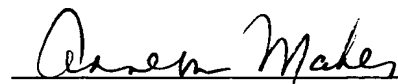
INFORMATION DISCLOSURE STATEMENT

Sir:

Applicants submit herewith references of which they are aware, which they believe may be material to the examination of this application and in respect of which they may have a duty to disclose in accordance with 37 CFR §1.56.

While this Information Disclosure Statement (IDS) may be "material" pursuant to 37 CFR §1.56(b), it is not intended to constitute an admission that any document referred to herein is "prior art" for this invention unless specifically designated as such.

I hereby certify that this correspondence and all documents referred to as being enclosed are being deposited with the United States Postal Service on this date, July 19, 2004, in an envelope marked as, and with sufficient postage as, "Express Mail – Post Office to Addressee," Express Mail Label No. EV 452362765 US, addressed to the Commissioner of Patents, P.O. Box 1450, Alexandria, VA 22313-1450.


Annemarie Maher

PATENT
Attorney Docket No. 915-001.035

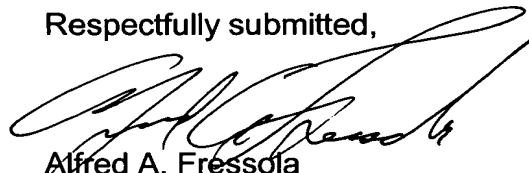
In accordance with 37 CFR §1.97(g), the filing of this IDS shall not be construed to mean that a search has been made or that no other material information as defined under 37 CFR §1.56(a) exists.

Enclosed is an International Search Report dated April 17, 2003 issued in International Patent Application No. PCT/FI03/00033 (filed on January 17, 2003), from which the present application now requests entry into the US national phase. Also enclosed are two Finnish Patent Office Official Actions dated November 18, 2002 and May 27, 2004, both issued in Finnish Patent Application No. 20020098 (filed on January 18, 2002), from which the present application claims priority.

Also enclosed is a Form PTO-1449 listing the cited references. Copies of the cited non-US references are also enclosed herewith (pursuant to the USPTO waiver of the requirement to submit copies of US references). The relevance of each reference is specifically explained in either the Search Reports, the Official Actions or the application specification, and the abstract of each reference provides a concise explanation thereof.

This IDS is being submitted simultaneously with the request for entry into the US national phase in this matter; therefore, the undersigned respectfully submits that no fee is due for filing this IDS. The Commissioner is hereby authorized to charge to deposit account 23-0442 any fee deficiency required to submit this IDS.

Respectfully submitted,



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Dated: July 19, 2004

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FORM PTO-1449
INFORMATION DISCLOSURE STATEMENT

 ATTY DOCKET NO.
 915-001.035

 SERIAL NO. **10/501895**
 To Be Assigned

APPLICANT: J. VÄLIKANGAS

FILING DATE:

Herewith

ART UNIT:

To Be Assigned

UNITED STATES PATENT DOCUMENTS

EXAM. INITIAL		DOCUMENT NUMBER	DATE	INVENTOR/ASSIGNEE	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
		6,211,856	April 03, 2001	<i>Choi et al.</i>			
		6,073,036	June 06, 2000	<i>Heikkinen et al.</i>			
		4,899,292	Feb. 06, 1990	<i>Montagna et al.</i>			

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES/NO
		EP 0 651 543	May 03, 1995	Europe			
		JP 09091486	April 04, 1997	Japan			
		JP 08221169	Aug. 30, 1996	Japan			
		JP 10049305	Feb. 20, 1998	Japan			

OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)

Examiner (To be assigned)

Date: